

Biodata



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Mr. Virendra Kumar is currently working in the field of Robotics at CSIR- Central Mechanical Engineering Research Institute (CMERI), Durgapur, India as a Senior Scientist. He received B.Sc (Mech. Engg) and M.Tech. degree in Mechanical Engineering in the year 1997 and 2006 from Bhagalpur Engineering College & NIT Jamshedpur respectively. He is pursuing his PhD degree Under Mechanical Engineering Dept of NIT, Durgapur with specialization in Redundant Manipulator. He has worked in different projects like Autonomous Underwater Vehicle, Remotely Operated Vehicle, Autonomous Mobile robot for vision based inspection, etc. He has around 15 publications in his credit.

PUBLICATIONS :

1. **Virendra Kumar**, Soumen Sen, S.S. Roy and S.N. Shome, "Inverse Kinematics of Redundant Serial Manipulators using Interval Method in handling uncertainties" International Conference on Advances In Robotics, 2nd International Conference of Robotics Society of India. 2nd to 4th July, 2015. BITS Goa, India, published in ACM, DOI:<http://dx.doi.org/10.1145/2783449.2783450>
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seminar of recent advances in PIE and remote technologies for nuclear fuel cycle (RAPT-2010), Kalpakkam

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15. G. Purkayastha, **V.Kumar**, S. Datta, S. Murlidhar, D. Datta, R. Padhi, D. Pal & .S.N. Shome, "Preliminary design of ROV-MKIII" published in the proceedings of the National Conference on Advanced Manufacturing & Robotics, CMERI, Durgapur, 10-11 Jan, 2004.

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